

**AMENDMENTS TO THE CLAIMS:**

Kindly amend claim 1, as shown below.

This listing of claims will replace all prior versions and listings of claims in the  
Application:

**Claim 1 (currently amended):** A transceiver comprising a conductor foil carrying an opto-electronic component, a plug socket into which an optical waveguide plug connector can be inserted such that an optical waveguide of said optical waveguide plug connector is opposite said opto-electronic component, ~~[[an]]~~ and a plug section which is formed by an end section of said conductor foil and adapted to be connected with a complementary plug, wherein a signal path from said plug section to said opto-electronic component has a matched impedance.

**Claim 2 (original):** The transceiver according to Claim 1, wherein a spacer serving as a stop for said optical waveguide plug connector is provided.

**Claim 3 (original):** The transceiver according to Claim 2, wherein said spacer is a sealing frame arranged in a region of said opto-electronic component.

**Claim 4 (original):** The transceiver according to Claim 3, wherein said sealing frame is arranged on said conductor foil.

**Claim 5 (original):** The transceiver according to Claim 3, wherein at least part of an interior of said sealing frame is filled with a castable optically transparent material.

**Claim 6 (original):** The transceiver according to Claim 5, wherein an overflow edge is provided which defines a level of said optically transparent material in said interior of said sealing frame.

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**Claim 7 (original):** The transceiver according to Claim 3, wherein said sealing frame is provided with at least one positioning hole facilitating a positioning relative to other components of said transceiver during assembly.

**Claim 8 (original):** The transceiver according to Claim 3, wherein said sealing frame is provided with at least one guide hole for a guide pin of said optical waveguide plug connector.

**Claim 9 (original):** The transceiver according to Claim 8, wherein said guide hole is provided with a lead-in surface.

**Claim 10 (original):** The transceiver according to Claim 1, wherein said opto-electronic component is arranged on a leadframe made of metal and acting as a heat sink.

**Claim 11 (original):** The transceiver according to Claim 10, wherein said leadframe is provided with at least one guide hole for a guide pin of said optical waveguide plug connector.

**Claim 12 (original):** The transceiver according to Claim 1, wherein a driver/amplifier chip is provided which is directly bonded with said opto-electronic component.

**Claim 13 (original):** The transceiver according to Claim 12, wherein a level of bond pads of said opto-electronic component is located above a level of bond pads of said driver/amplifier chip.

**Claim 14 (original):** The transceiver according to Claim 13, wherein said level of said bond pads of said driver/amplifier chip is located above a level of bond pads of said conductor foil.

**Claim 15 (original):** The transceiver according to Claim 14, wherein a wedge-wedge wire bonding process is used for bonding.

**Claim 16 (original):** The transceiver according to Claim 15, wherein a bond wire is made of gold.

**Claim 17 (original):** The transceiver according to Claim 1, wherein said opto-electronic component is arranged at right angles to said plug section of said conductor foil.

**Claim 18 (original):** The transceiver according to Claim 1, wherein a housing is provided which is realized as a heat sink.

**Claim 19 (original):** The transceiver according to Claim 1, wherein additional control elements are provided by means of which operating parameter of said transceiver can be adjusted.

**Claim 20 (original):** The transceiver according to Claim 1, wherein said conductor foil has a signal path only on one side thereof.

**Claim 21 (original):** The transceiver according to Claim 3, wherein said conductor foil has a rigid structure in said region of said opto-electronic component.

**Claim 22 (original):** The transceiver according to Claim 1, wherein said conductor foil has a rigid structure in a region of said plug section.

**Claim 23 (original):** The transceiver according to Claim 1, wherein said plug section is mounted so as to be displaceable.